

CLAIMS

WHAT IS CLAIMED IS:

5 1. A coating for a medical device, said coating having increased resistance to light and/or UV-radiation, said coating comprising:

10 (a) a drug-polymer layer containing a drug included in said drug-polymer layer; and

(b) a light- and/or UV-protective compound included in said coating.

15 2. The coating as claimed in Claim 1, wherein said medical device is a stent.

20 3. The coating as claimed in Claim 1, wherein said drug is a light-sensitive drug or a UV-radiation sensitive drug.

4. The coating as claimed in Claim 3, wherein said light-sensitive drug comprises actymicin D, paclitaxel, or vincristine.

25 5. The coating as claimed in Claim 1, further comprising a topcoat layer disposed upon said drug-polymer layer.

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6. The coating as claimed in Claim 5, wherein said light- and/or UV-protective compound is dispersed within said topcoat layer.

5 7. The coating as claimed in Claim 6, wherein said light- and/or UV-protective compound is further dispersed within said drug-polymer layer.

8. The coating as claimed in Claim 5, further comprising a film-forming polymer layer disposed on said topcoat layer, wherein said light- and/or UV-protective compound is dispersed in said film-forming polymer layer.

9. The coating as claimed in Claim 1, wherein said light- and/or UV-protective compound is dispersed within said drug-polymer layer.

10. The coating as claimed in Claim 1, further comprising a primer polymer layer deposited between a surface of said medical device and said drug-polymer layer.

11. The coating as claimed in Claim 1, wherein said light- and/or UV-protective compound comprises carbon black or gold.

12. A method for fabricating a medical article, the method comprising forming a coating onto said medical device, wherein said coating includes light- and/or UV-protective substance.

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13. A medical device comprising a coating, said coating produced according to the method of Claim 12.

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14. The method as claimed in Claim 12, wherein said medical device is a stent.

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15. The method as claimed in Claim 12, wherein said coating comprises a drug-polymer layer containing a drug included into said drug-polymer layer, wherein said light- and/or UV-protective substance is incorporated into said coating.

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16. The method as claimed in Claim 15, wherein said drug is a light-sensitive drug or a UV-radiation sensitive drug.

17. The method as claimed in Claim 16, wherein said light-sensitive drug comprises actymicin D, paclitaxel, or vincristine.

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18. The method as claimed in Claim 15, further comprising a topcoat layer disposed upon said drug-polymer layer.

19. The method as claimed in Claim 18, further comprising a film-forming polymer layer disposed upon said topcoat layer, wherein said light- and/or UV-protective substance is dispersed in said film-forming polymer.

20. The method as claimed in Claim 18, wherein said light- and/or UV-protective substance is dispersed within said topcoat layer.

21. The method as claimed in Claim 20, wherein said light- and/or UV-protective substance is further dispersed within said drug-polymer layer.

22. The method as claimed in Claim 15, wherein said light- and/or UV-protective substance is dispersed within said drug-polymer layer.

23. The method as claimed in Claim 15, further comprising a primer polymer layer deposited between a surface of said medical device and said drug-polymer.

24. The method as claimed in Claim 15, wherein said light-  
and/or UV-protective substance comprises carbon black or gold.

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